



## Lighting Systems | Portfolio



**Portable Power**

## Light Towers: Don't Let Darkness Stop Your Project

Light towers from Doosan Portable Power are built with the professional-grade reliability and durability you need.

### Standard features across the portfolio include:

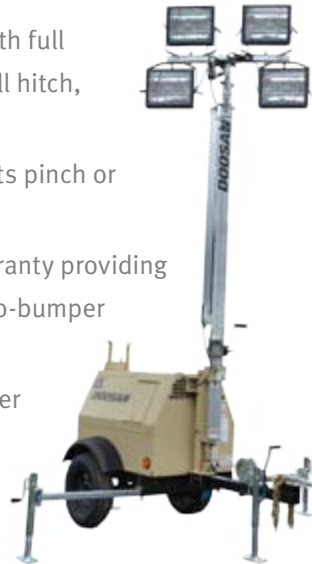
- Dependable engines that meet EPA Tier 4 emissions standards
- Weather-resistant connections for attaching floodlights
- Able to withstand 65-mph winds with outriggers deployed
- Telescoping mast with a near 360° rotation and position lock extends from 12' – 30' with dual, hand-operated winches and automatic safety brake
- Standard 1,000-watt metal halide lamps in cast aluminum housings for added durability and provide brighter and wider coverage area
- Patented tower-locking system prevents telescoping during travel
- Heavy-duty axle provides trouble-free towing on road or off
- Automatic protective shutdowns for high engine coolant temperature and low engine oil pressure
- Fully galvanized steel tower for rust resistance and enhanced corrosion protection

### LSC

#### Redesigned with YOU in Mind!

Our redesigned LSC features a Kubota engine matched with a high output 6kW alternator, increased runtime and ease of maintenance and operation. Twelve units per 48' flatbed allows truckload maximization and cost effective transportation. For illumination of special events, road and bridge construction, emergency and disaster relief, and general construction sites, choose the Doosan LSC.

- Able to withstand 65-mph winds with 4-point outriggers deployed
- Trailer equipped standard with full running light package, 2" ball hitch, and safety chains
- Curly cord protection prevents pinch or puncture damage
- Industry-leading factory warranty providing 2-year/2,000-hour bumper-to-bumper coverage
- Options include a block heater and combination hitch



### LS

#### Rugged and reliable for rental & construction applications

- Standard combination hitch with 2.5" pintle eye and 2" ball hitch
- 6 kW output providing simultaneous light and power
- Numerous options available to customize the LS to suit any requirement or conditions while still providing class-leading sound levels



### L6 and L8

#### Wide body design for oil and gas & specialized applications

- Internal lamp storage and belly pans standard
- High output capability of 6 kW or 8 kW
- Numerous options available for customizing your wide-body light tower



Model	LSC 60 Hz	LSC 50 Hz	LS	L6	L8	L20
<b>ENGINE</b>						
Make	Kubota D1005BG		Kubota D1105	Kubota D1105	Kubota D1105	Mitsubishi S4Q2
Emissions Tier Level	Tier 4 Final (T4F)		Tier 4 Final (T4F)	Tier 4 Final (T4F)	Tier 4 Final (T4F)	Tier 4 Interim (T4i)
Number of Cylinders/Displacement – cu In (L)	3/61.1 (1.001)		3/69 (1.1)	3/69 (1.1)	3/69 (1.1)	4/153 (2.5)
Power @ Rated Speed – bhp (kW) @ 1800 rpm	13.9 (11.3)		13.6 (10.1)	13.6 (10.1)	13.6 (10.1)	31 (22.8)
Cooling System	Water		Water	Water	Water	Water
DC System Voltage/Battery Capacity	12 V/520 CCA		12 V/600 CCA	12 V/600 CCA	12 V/600 CCA	12 V/1000 CCA
Fuel Type/Usuable Fuel Capacity – gal (L)	Diesel/28 (105)		Diesel/27 (102)	Diesel/27 (102)	Diesel/27 (102)	Diesel/27 (102) standard 50 (189) optional
Runtime with 4 lights – hr	55	64	52	52	52	70 standard 130 optional
<b>GENERATOR</b>						
Prime Power Rating, 60 Hz, 1.0 PF	6 kW		6 kW	6 kW	8 kW	20 kW
Available voltages – Single-Phase	120	230	120 / 240	120 / 240	120 / 240	120 / 240
<b>RECEPTACLES (WITH INDIVIDUAL CIRCUIT BREAKER PROTECTION)</b>						
120 V GFCI Duplex (NEMA 5-20R)	(1) 15 amp		(1) 20 amp	(1) 15 amp	(2) 15 amp	(2) 20 amp
240 V Twistlock (NEMA L6-30R)			(1) 25 amp	(1) 25 amp	(1) 30 amp	
120/240 V Twistlock (NEMA L14-30R)						(3) 30 amp
120/240 V Twistlock (CS6369)						(1) 50 amp
<b>DIMENSIONS &amp; WEIGHT</b>						
Length with Drawbar – in (mm)	167.5 (4255)		175 (4445)	182 (4623)	182 (4623)	182 (4623)
Width with Fenders – in (mm)	49 (1245)		58 (1473)	79 (2007)	79 (2007)	79 (2007)
Track Width – in (mm)	42 (1067)		49 (1245)	64 (1626)	64 (1626)	64 (1626)
Height in Travel Position – in (mm)	69.4 (1763)		70.5 (1791)	89 (2260)	89 (2260)	89 (2260)
Max Tower Height – ft (m)	30 (9)		30 (9)	30 (9)	30 (9)	30 (9)
Shipping Weight – lb (kg)	1413 (640.9)	1423 (645.5)	1735 (786)	1933 (877)	2010 (912)	2540 (1152) standard 2769 (1256) optional
Operating Weight – lb (kg)	1569 (711.7)	1567 (716.2)	1938 (879)	2123 (963)	2242 (1017)	2710 (1229) standard 2939 (1333) optional

### L20

#### Light and power in a single tower

The high output L20 is a light tower and 20 kW generator in one convenient package. Ideal for mining, oil and gas exploration, and other applications where an electrical power source isn't easy to come by, the L20 is equipped with four 1000-watt lamps. Light up the work site and have plenty of extra power for tools, heaters and more while reducing the need for an additional generator on the jobsite.

- Operator-friendly control & connection panel includes auto start/stop control as a standard feature
- Automatic protective shutdowns for high coolant temperature and low oil pressure with control panel indication
- Reliable brushless alternator maintains precise voltage control under varying load conditions

- Standard front panel protective coating guards against stones and debris kicked up by the towing vehicle
- Quick disconnect lamp assemblies can be stored inside the enclosure
- Numerous options available to customize the L20 to suit any requirement or conditions while still providing class-leading sound levels
- Optional 50-gallon fuel tank almost doubles the runtime over the standard tank



## BL2000 Balloon Light

### Precise illumination in a lightweight package

The BL2000 balloon light from Doosan Portable Power plugs into any three-prong, 120-volt, 20-amp outlet and provides 2,000 watts of quiet, glare-free light. The new tubular envelope offers better light distribution and automatically inflates. Using Doosan stands with tilting grip heads accommodates various mounting devices that let you aim light directly where it is needed. For road paving, special events, entertainment and other applications where glare-free light is required, the BL2000 is the optimal choice.

- Tubular envelope and internal reflective dome combine to light up a larger area
- Newly redesigned cage is lightweight, but strong and protects lamps from contact with the envelope
- Suspension-mounted lamp holder provides extra protection against rough handling
- Automatic shutoff protects against high internal temperatures
- Uses two readily available 1,000-watt bulbs for easy replacement
- Durable storage tube included



### Optional Mounting Devices

- Pole-mount: 7' – 15' extension mounts to any equipment with locally sourced hardware
- Truck hitch-mount: 7' – 15' extension mounts directly to a vehicle's receiver hitch
- Tripod stands: 7' – 19' extension or 7' – 24' extension for stand-alone uses
- Mounting devices and other parts available through the Aftermarket Department

Model	BL2000
<b>SPECIFICATIONS</b>	
Diameter – In (m)	43.1 (1.1)
Standard Plug Type	3-prong
Power Draw – amps (V)	20 (110 – 130)
Recommended Power Supply – kW-V-A	2.5-120-20
Lamps – watts	2 x 1000
Lighted Area – sq ft (m <sup>2</sup> )	15120 (1400)
Operating Height – ft (m)	7 – 24 (2.1 – 7.3)
Total Weight – lb (kg)	18 (8.2)
Inflation Time – sec	45
Wind Speed Resistance – mph (km/h)	63 (101.4)

Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of air compressors, lighting systems and generators to our rugged and reliable light compaction equipment, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Doosan Portable Power partners with an experienced global dealer network to stand beside you every step of the way. Doosan Portable Power — more than 100 years of providing excellence.

Proud sponsor of



DoosanPortablePower.com



Doosan Infracore Portable Power  
1293 Glenway Drive  
Statesville, NC 28625